acoustic®

260 MKII, B300H, B800H, B115 MKII, B410 MKII, B810 MKII

OWNER'S MANUAL

BASS GUITAR AMP HEADS AND CABS

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IMPORTANT SAFETY INSTRUCTIONS

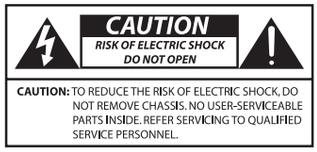
DANGER
Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably to noise-induced hearing loss but most will lose some hearing if exposed to intense noise for a sufficient period of time.

The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

DURATION PER DAY (HOURS)	8	6	4	3	2	1
SOUND LEVEL (dB)	90	93	95	97	100	103

According to OSHA, any exposure in the above permissible limits could result in some hearing loss. Ear plugs or protectors in the ear canal or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss. If exposure in excess of the limits as put forth above, to insure against potentially harmful exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of inducing high sound pressure levels, such as this amplification system, be protected by hearing protectors while this unit is in operation.

1. **Read all safety and operating instructions before using this product.**
2. **All safety and operating instructions should be kept for future reference.**
3. **Read and understand all warnings listed on the operating instructions.**
4. **Follow all operating instructions to operate this product.**
5. **This product should not be used near water, i.e. a bathtub, sink, swimming pool, wet basement, etc.**
6. **Use only a dry cloth to clean this product.**
7. **Do not block any ventilation openings. The product should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.**
8. **Do not install this product near any heat sources, such as radiators, heat registers, stoves or any other apparatus (including heat–producing amplifiers) that produces heat.**
9. **Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.**
10. **Protect the power cord being walked on or pinched, particularly at plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.**



AVIS: RISQUE DE CHOC ELECTRIQUE-NE PAS OUVRIR.

THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF NON-INSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS

THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.

APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.

11. **Only use attachments specified by the manufacturer.**
12. **When a cart is used, use caution when moving cart/apparatus combination to avoid injury from tip-over.**
13. **Unplug this apparatus during lightning storms or when unused for long periods of time.**
14. **Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.**
15. **Refer all servicing to a qualified service professional. Servicing is required when the apparatus does not operate normally or has been damaged in any way, including damage to the power cord or plug, damage due to liquids spilled or objects dropped inside the unit, dropping the unit, or anything else that interrupts normal use of the unit.**
16. **WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.**
17. **When the MAINS plug, or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.**
18. **Protective Ground Terminal: The apparatus shall be connected to an AC main socket with a protective earth ground connection.**

IMPORTANTES INSTRUCTIONS DE SECURITE

DANGER
L'exposition a des niveaux eleves de bruit peut provoquer une perte permanente de l'audition, Chaque organisme humain reagit differemment quant a la perte de l'audition, mais quasiment tout le monde subit une diminution de l'acuite auditive lors d'une exposition suffisamment longue au bruit intense. Les autorites competentes en reglementation de bruit ont defini les expositions tolerees aux niveaux de bruits:

DURE EN HEURES PAR JOUR	8	6	4	3	2	1
INIVEAU SONORE CONTINU EN dB	90	93	95	97	100	103

Selon les autorites, toute exposition dans les limites citees ci-dessus, peuvent provoquer certaines pertes d'audition. Des bouchons ou protections dans l'appareil auditif ou sur l'oreille doivent etre portes lors de l'utilisation de ce systeme d'amplification afin de prevenir le risque de perte permanente de l'audition, Dans le cas d'expositions superieures aux limites precitees il est recommande, afin de se premunir contre les expositions aux pressions acoustiques elevees potentiellement dangeureuses, aux personnes exposees aux equipements capables de delivrer de telles puissances, tels ce systeme d'amplification en fonctionnement, de proteger l'appareil auditif.

1. **Lire avec attention toutes les recommandations et précautions d'emploi avant d'utiliser ce produit.**
2. **Toutes les recommandations et précautions d'emploi doivent être conservées afin de pouvoir s'y reporter si nécessaire.**
3. **Lire et comprendre tous les avertissements énumérés dans les précautions d'emploi.**
4. **Suivre toutes les précautions d'emploi pour utiliser ce produit.**
5. **Ce produit ne doit pas être utilisé près d'eau, comme par exemple baignoires, éviers, piscine, sous-sol humides ... Etc.**
6. **Utiliser exclusivement un chiffon sec pour nettoyer ce produit.**
7. **Ne bloquér aucune ouverture de ventilation. Ne pas placer le produit tout contre un mur ou dans une enceinte fernée, cela gênerait le flux d'air nécessaire au refroidissement.**
8. **Ne pas placer le produit près de toute source de chaeur telle que radiateurs, arrivées d'air chaud, fourneaux ou autres appareils générant de la chaleur (incluant les amplificateurs producteurs de chaleur).**
9. **Ne pas négliger la sécurité que procure un branchement polarisé ou avec raccordement à la terre, Un branchement polarisé comprend deux fiches dont l'une est plus large que l'autre. Un branchement à la terre comprend deux fiches plus une troisième reliée à la terre. Si la fiche secteur fournie ne s'insert pas dans votre prise de courant. consulter un 'électricien afin de remplacer votre prise obsolète.**
10. **Protéger le cordon d'alimentation de tout écrasement ou pincement, particulièrement au niveau des fiches, des réceptacles utilisés et à l'endroit de sortie de l'appareil. Ne pas casser la fiche de terre ducordon d'alimentation.**

CE SYMBOLE APOUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE DE VOLTAGE DANGEREUX NON-ISOLE A L'INTERIEUR DE CE PRODUIT QUI PEUT ETRE DE PUISSANCE SUFFISAMMENT IMPORTANTE POUR PROVOQUER UN CHOC ELECTRIQUE AUX PERSONNES

CE SYMBOLE APOUR BUT D'AVERTIR L'UTILISATEUR DE LA PRESENCE D'INSTRUCTIONS D'UTILISATION ET DE MAINTENANCE DANS LES DOCUMENTS FOURNIS AVEC CE PRODUIT

AFIN DE REDUIRE LES RISQUÉ D'INCENDIE ET DE DECHARGE ELECTRIQUE, NE PAS EXPOSER CET APPAREIL ALA PLUIE OU A L'HUMIDITE

11. **Utiliser uniquement les accessoires spécifiés par le constructeur.**
12. **Utiliser uniquement avec le chariot de transport, le support, le trépied, la console ou la table spécifiés par le constructeur ou vendus avec l'appareil. Lors de l'utilisation d'un chariot, bouger avec précaution l'ensemble chariotlappareil afin d'éviter les dommages d'un renversement.**
13. **Débrancher cet appareil lors d'orages ou s'il n'est pas utilisé pendant une longue période.**
14. **Des précautions doivent être prises afin qu'aucun objet ne tombe et qu'aucun liquide ne se répande à l'intérieur de l'appareil par les orifices de ventilation ou n'importe quelle autre ouverture.**
15. **Pour toutes interventions techniques s'adresser à un technicien qualifié.L'intervention technique est nécessaire lorsque l'appareil aété endommagé de n'importe quelle façon, comme par exemple si le cordon secteur ou sa fiche sont détériorés,si du liquide aoulé ou si des objets sont tombés à l'intérieur de l'apparei1 ,si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou s'il est tombé.**
16. **ATTENTION: Pour réduire le risque d'incendie ou de choc electrique ne pas exposer l'appareil à la pluie ou à l'humidité.**
17. **Quand La prise MAINS, au coupler, est utilisé pour la source d'alimentation êlectrique. Il est conseillê de garder cette prise facilement accessible.**
18. **Borne de terre de protection: L'appareil doit être connecté à un connecteur AC principale avec un raccordement à la terre de protection.**

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WELCOME

Congratulations on your purchase of a new Acoustic electric bass amplifier. Founded as the Acoustic Control Corporation in Van Nuys, California in 1967, Acoustic is the rig of choice for many legendary touring musicians. If you're new to Acoustic amps, we encourage you to get in tune with its rich heritage at www.acousticamplification.com/history.cfm

Your comments are important. We constantly improve our products based on feedback from musicians like you. Please feel free to contact us at www.acousticamplification.com or send us an email at info@acousticamplification.com.

Welcome to Acoustic, the Pro's Tone™.

SPECIFICATIONS

Model	260 MKII	B300H	B800H	B115 MKII	B410 MKII	B810 MKII
Power	100 Watts @ 4 Ohms	300 Watts @ 4 Ohms	800 Watts @ 4 Ohms	N/A	N/A	N/A
Equalizer	3 Band EQ + Shape Switch	6 Band EQ + Shape Switch & Adjustable Notch	6 Band EQ + Shape Switch & Adjustable Notch	N/A	N/A	N/A
Overdrive	Yes	Yes	Yes	N/A	N/A	N/A
Effects loop	Yes	Yes	Yes	N/A	N/A	N/A
Compression	Acousti-Comp, Non-adjustable	Acousti-Comp, Adjustable/ Defeatable	Acousti-Comp, Adjustable/ Defeatable	N/A	N/A	N/A
XLR Direct Out	Pre/Post, Level and Ground Lift	Pre/Post, Level and Ground Lift	Pre/Post, Level and Ground Lift	N/A	N/A	N/A
Speaker	10", 100W , 4 Ω	N/A	N/A	1x15", 450W, 8 Ω	4x10", 150W, 8 Ω 600W total power handling @ 8 Ω	8x10", 150W, 8 Ω 1200W total power handling @ 4 Ω
Hi Frequency Horn	N/A	N/A	N/A	Piezo, defeatable	Piezo, defeatable	Piezo, defeatable
Dimensions WxDxH	13.2"x9.1"x5.3"	21.1"x12"x5.9"	21.1"x15.2"x 6.5"	24.1"x16.3"x 28.3"	24.1"x16.3"x 25.8"	24.1"x16.3"x 48"
Weight	12.9 lbs.	27.5 lbs.	43.5 lbs.	77 lbs.	78 lbs.	143 lbs.

3 Three Year Limited Warranty: Subject to the limitations set forth below, Acoustic® hereby represents and warrants that the components of this product shall be free from defects in workmanship and materials, including implied warranties of merchantability or fitness for a particular purpose, subject to normal use and service, for three (3) years to the original owner from the date of purchase.

Retailer and manufacturer shall not be liable for damages based upon inconvenience, loss of use of product, loss of time, interrupted operation or commercial loss or any other incidental or consequential damages including but not limited to lost profits, downtime, goodwill, damage to or replacement of equipment and property, and any costs of recovering, reprogramming, or reproducing any program or data stored in equipment that is used with Acoustic® products. This guarantee gives you specific legal rights. You may have other legal rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

FCC Statements

1. Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generate, uses, and can radiate radio frequency energy and , in not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
   - Reorient or relocate the receiving antenna
   - Increase the separation between the equipment and receiver
   - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
   - Consult the dealer or an experienced radio/TV technician for help

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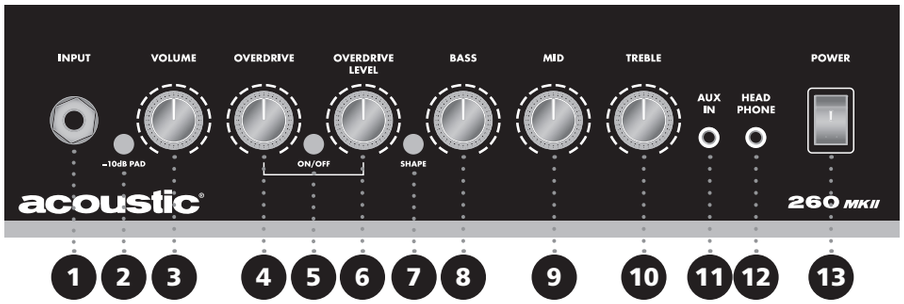
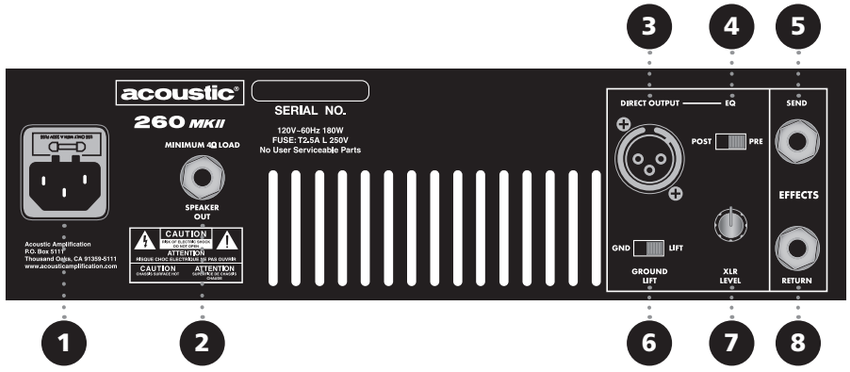
260 MKII FRONT PANEL



1. Bass Input: ¼" two-conductor jack
2. -10 dB pad: Reduces input sensitivity for use with active electronics basses or high output pickups
3. Volume: Adjusts the overall volume level of the amplifier
4. Overdrive: Controls the amount of overdrive
5. On/Off Switch: Activates the Overdrive circuit
6. Overdrive Level: Controls the mix of overdrive to clean signal
7. Shape: This button decreases the level of the mid frequencies creating an alternate EQ curve
8. Low: This control increases or decreases bass frequencies
9. Mid: This control increases or decreases high midrange frequencies
10. High: This control increases or decreases treble frequencies
11. Aux Input: This 3-conductor ⅛" media input jack will allow you to plug in a CD, MP3 player, or any other source so you can practice along. To control the volume of the source, adjust the output volume of the device. **Note:** Turn the volume all the way down before plugging in your guitar and adjust the volume according to your taste.
12. Headphone Output: ⅛" 3-conductor jack for plug¬ging in headphones. When used, it will disconnect the internal speaker
13. Power Switch: When lit, the amplifier is on and ready for use.

260 MKII BACK PANEL



1. AC power connection and Fuse: Connect included IEC power cable here. Fuse cap contains fuse for circuit protection
2. Speaker Out: ¼" speaker jack for attaching external speaker (minimum 4 Ohm load)
3. Direct Output: XLR direct balanced output connector jack
4. Pre/Post EQ Switch: Switches Balanced Output between pre and post EQ operation
5. Effects Send: ¼" two-conductor jack sends signal to an external effects or signal processing device
6. Ground Lift: Lifts the ground from the XLR direct output. Useful for eliminating hum when the direct out is used
7. XLR Level: Adjusts the level of the direct output signal
8. Effects Return: ¼" two-conductor jack returns signal from an external effects or signal processing device

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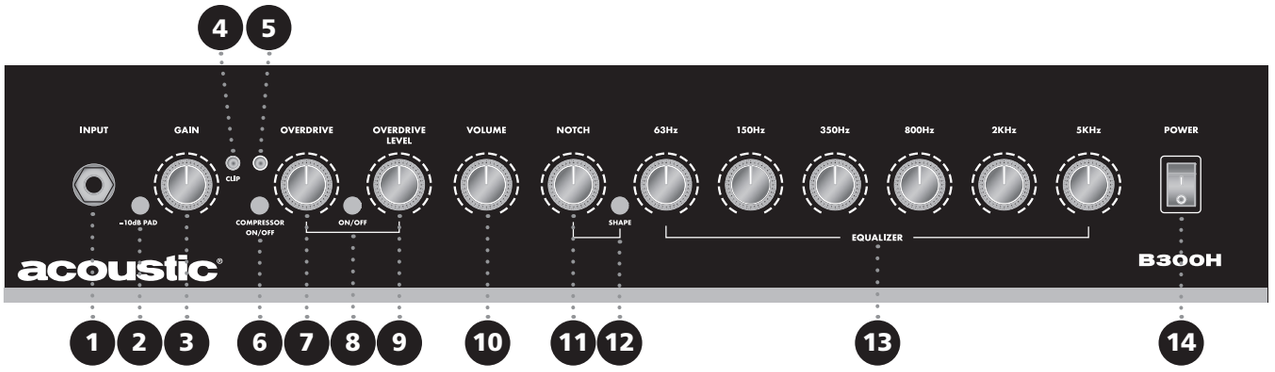
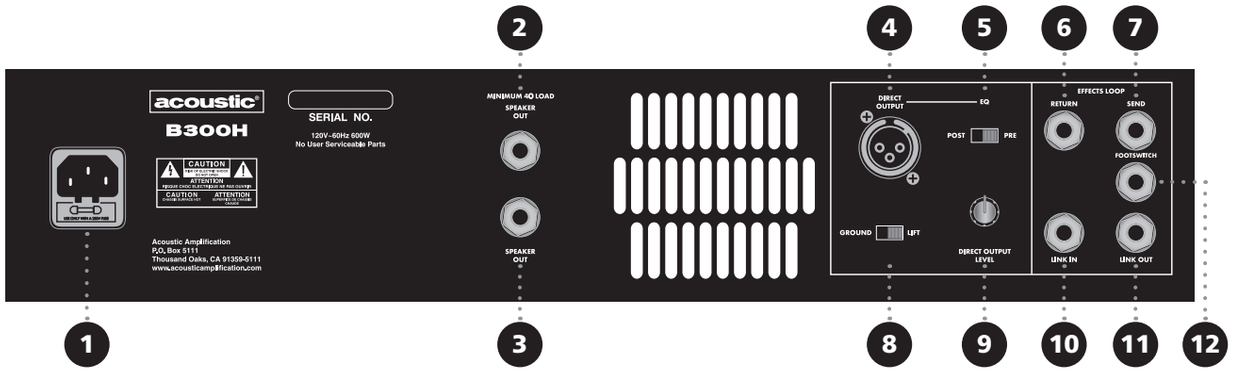
B300H FRONT PANEL



1. Bass Input: ¼" two-conductor jack
2. -10 dB pad: Reduces input sensitivity for use with active electronics basses or high output pickups
3. Gain: Adjusts the level of preamp input gain
4. Clipping Light: Lights in red when hi gain creates preamp clipping
5. Compression Indicator Light: Indicates the level of compression when the compressor is engaged (6)
6. Compressor On/Off: Engages compression circuitry when button is depressed
7. Overdrive: Controls the amount of overdrive
8. On/Off Switch: Activates the Overdrive circuit
9. Overdrive Level: Controls the mix of overdrive to clean signal
10. Volume: Adjusts the overall volume level of the amplifier
11. Notch: Adjusts the -10dB notch frequency from 50Hz to 1kHz.
12. Shape: This button decreases the level of the mid frequencies creating an alternate EQ curve
13. Equalizer: These 6 knobs increase or decrease the level of the associated frequency.
14. Power Switch: When lit, the amplifier is on and ready for use.

B300H BACK PANEL



1. AC power connection and Fuse: Connect included IEC power cable here. Fuse cap contains fuse for circuit protection
2. Speaker Out: ¼" speaker jack for attaching external speaker (minimum 4 Ohm total load)
3. Speaker Out: ¼" speaker jack for attaching external speaker (minimum 4 Ohm total load)
4. Direct Output: XLR direct balanced output connector jack
5. Pre/Post EQ Switch: Switches Balanced Output between pre and post EQ operation
6. Effects Return: ¼" two-conductor jack returns signal from an external effects or signal processing device
7. Effects Send: ¼" two-conductor jack sends signal to an external effects or signal processing device
8. Ground Lift: Lifts the ground from the XLR direct output. Useful for eliminating hum when the direct out is used
9. Direct Output Level: Adjusts the level of the direct output signal
10. Link In: Input from another B300H or B800H amp head. Allows user to run the B300H in Slave Mode controlled from another amp head. This allows the user to link 2 heads together for more power and speakers controlled from one master amplifier.
11. Link Out: Output to another B300H or B800H amp head. Allows user to run the B300H in Master Mode to control another amp head. This allows the user to link 2 heads together for more power and speakers controlled from one master amplifier
12. Footswitch: ¼" Tip, Ring, Sleeve jack for attaching optional 2 button footswitch. Controls Overdrive On/Off and Effects Loop On/Off

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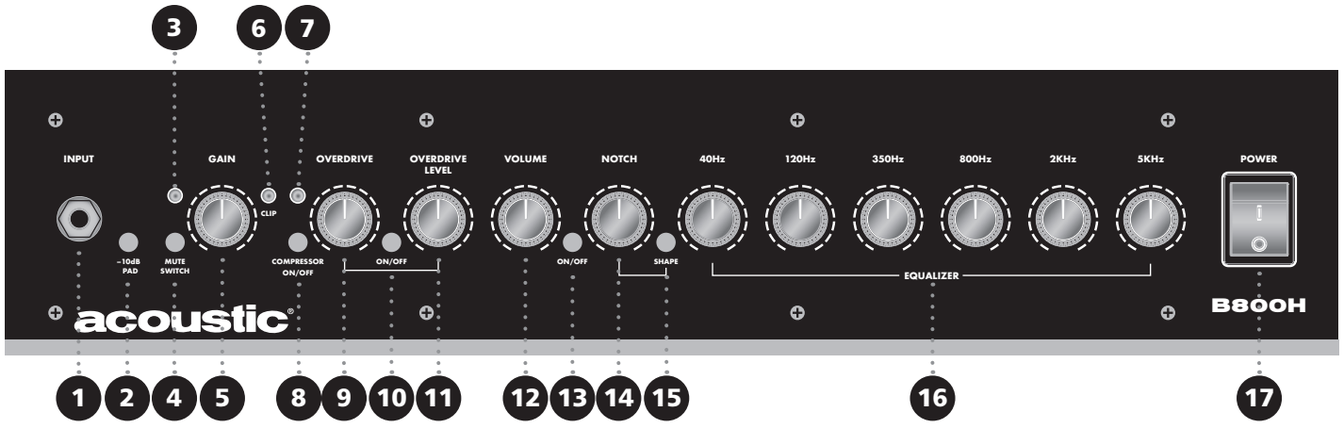
B800H FRONT PANEL



1. Bass Input: ¼" two-conductor jack
2. -10 dB pad: Reduces input sensitivity for use with active electronics basses or high output pickups
3. Mute Indicator Light: Indicates B800H is muted
4. Mute Switch: Mutes sound from the B800H when switch is depressed
5. Gain: Adjusts the level of preamp input gain
6. Clipping Light: Lights in red when hi gain creates preamp clipping
7. Compression Indicator Light: Indicates the level of compression when the compressor is engaged (8)
8. Compressor On/Off: Engages compression circuitry when button is depressed
9. Overdrive: Controls the amount of overdrive
10. On/Off Switch: Activates the Overdrive circuit
11. Overdrive Level: Controls the mix of overdrive to clean signal
12. Volume: Adjusts the overall volume level of the amplifier
13. Notch On/Off Switch: Activates Notch Frequency control when depressed
14. Notch: Adjusts the -10dB notch frequency from 50Hz to 1kHz.
15. Shape: This button decreases the level of the mid frequencies creating an alternate EQ curve
16. Equalizer: These 6 knobs increase or decrease the level of the associated frequency.
17. Power Switch: When lit, the amplifier is on and ready for use.

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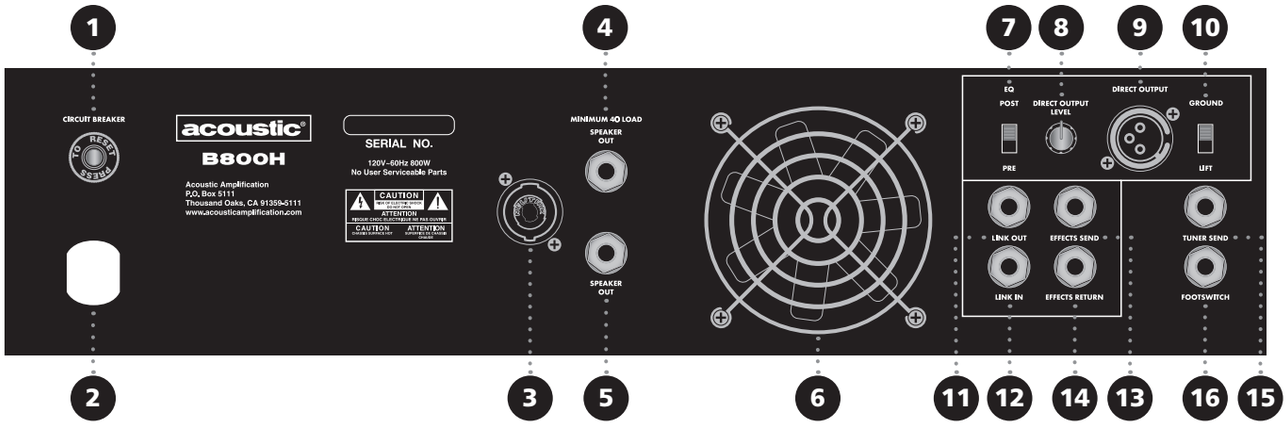
B800H BACK PANEL



1. Circuit Breaker: Circuit Breaker for circuit protection
2. AC Cable: Connect to AC power source
3. Locking Combo Speaker Jack: Accepts locking or ¼" speaker cable
4. Speaker Out: ¼" speaker jack for attaching external speaker (minimum 4 Ohm total load)
5. Speaker Out: ¼" speaker jack for attaching external speaker (minimum 4 Ohm total load)
6. Cooling Fan: Cooling fan cools internal circuitry for optimal performance
7. Pre/Post EQ switch: Switches Balanced Output between pre and post EQ operation
8. Direct Output Level: Adjusts the level of the direct output signal
9. Direct Output: XLR direct balanced output connector jack
10. Ground Lift: Lifts the ground from the XLR direct output. Useful for eliminating hum when the direct out is used
11. Link Out: Output to another B300H or B800H amp head. Allows user to run the B300H in Master Mode to control another amp head. This allows the user to link 2 heads together for more power and speakers controlled from one master amplifier
12. Link In: Input from another B300H or B800H amp head. Allows user to run the B300H in Slave Mode controlled from another amp head. This allows the user to link 2 heads together for more power and speakers controlled from one master amplifier.
13. Effects Send: ¼" two-conductor jack sends signal to an external effects or signal processing device
14. Effects Return: ¼" two-conductor jack returns signal from an external effects or signal processing device
15. Tuner Send: Attach electronic instrument tuner via ¼" 2 conductor instrument cable.
16. Footswitch: ¼" Tip, Ring, Sleeve jack for attaching optional 2 button footswitch. Controls Overdrive On/Off and Effects Loop On/Off

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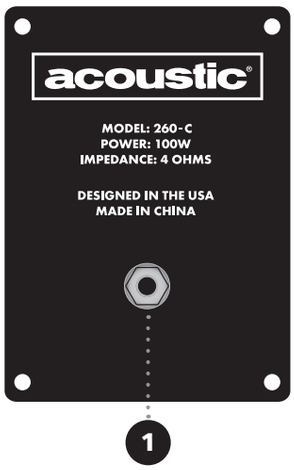
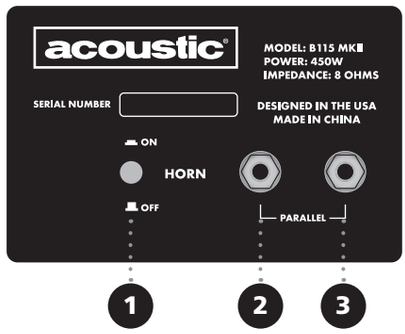
260 SPEAKER CABINET JACK PLATE



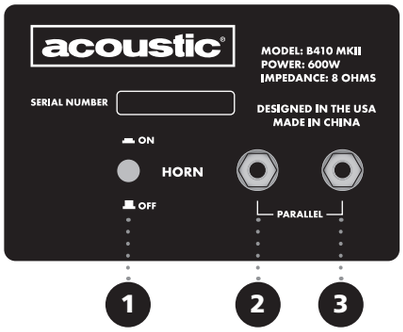
1. ¼" Speaker Input Jack: Connect 260 MKII head to 260 Cabinet via ¼" speaker cable connector

B115 MKII REAR JACK PLATE



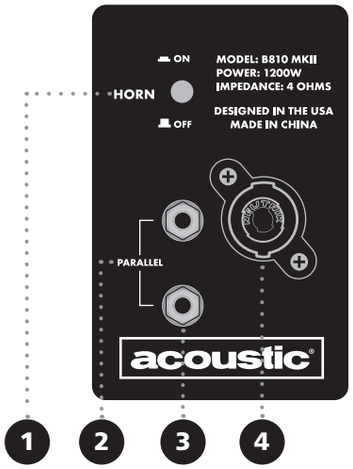
1. Horn On/Off Switch: Engages Piezo horn when in depressed position
   Note: Power handling is 450 watts @ 8 ohms
2. ¼" Speaker Input Jack: Connect amplifier head to B115 MKII Cabinet via ¼" speaker cable connector
3. Parallel ¼" Speaker Jack: Connect B115 MK speaker cabinet to another speaker cabinet (in parallel) via ¼" speaker cable connector

B410 MKII JACK PLATE



1. Horn On/Off Switch: Engages Piezo horn when in depressed position
   Note: Power handling is 600 watts @ 8 ohms
2. ¼" Speaker Input Jack: Connect amplifier head to B410 MKII Cabinet via ¼" speaker cable connector
3. Parallel ¼" Speaker Jack: Connect B410 MKII speaker cabinet to another speaker cabinet (in parallel) via ¼" speaker cable connector

B810 MKII JACK PLATE



1. Horn On/Off Switch: Engages Piezo horn when in depressed position
   Note: Power handling is 1200 watts @ 4 ohms
2. ¼" Speaker Input Jack: Connect amplifier head to B410 MKII Cabinet via ¼" speaker cable connector
3. Parallel ¼" Speaker Jack: Connect B410 MKII speaker cabinet to another speaker cabinet (in parallel) via ¼" speaker cable connector
4. Combo Locking Speaker Connector Jack: Connect amplifier head to B810 MKII via locking connector or ¼" speaker connector

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